

ABSTRACT OF THE DISCLOSURE

An optical film in which a function of a brightness enhancement film is maintained and variations in brightness and chromaticity within a film plane are suppressed is provided. An optical film is a laminate of an absorptive dichroic polarizing plate and a brightness enhancement film. A maximum chromaticity difference $\Delta xy(\max)$ of in-plane transmitted light is 0.008 or smaller after the optical film is attached to a glass plate and allowed to stand at 70°C for 120 hours. The brightness enhancement film includes a layer having a circularly polarized light separating function, and a quarter wavelength plate. The quarter wavelength plate is a film showing an in-plane retardation (Δnd) satisfying $\Delta nd(450 \text{ nm}) / \Delta nd(550 \text{ nm}) < 1.02$ or a film containing a polymer having a photoelastic coefficient of $40 \times 10^{-12} \text{ m}^2/\text{N}$ or smaller.

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